

ECODESIGN BATTERIES – INTRODUCTION & PLANNING

Paul Van Tichelen

May 2nd, 2019 - Brussels





AGENDA

- 10h00-10h05: Welcome and introduction to the study (DG GROW)
- 10h05-10h20: tour de table +agenda and MEErP task structure (VITO)
- 10h20-10h35: Task 1, key comments and updates (VITO)
- 10h35-10h50: Task 3,4; key comments and updates (ISI)
- 10h50-11h10: Task 6 Design options (ISI)
- 11h10-11h20: Coffee Break Q&A
- 11h20-11h35: Q&A to Tasks 1-4 (ISI/VITO)
- 11h35-11h50: Draft Task 5 & 6 LCA results (VITO)
- 11h50-12h15: Q&A to Tasks 5 & 6(VITO/ISI)
- 12h15-12h30: Task 2 update and Draft Task 7 scenario calculations/sensitivity (ISI)
- 12h30-13h30: Lunch Break
- 13h30-13h40: Q&A on Task 2 and scenario calculations/sensitivity from Task 7 (ISI)
- 13h40-14h00: Task 7 policy options on performance in the use phase (ISI/VITO)
- 14h00-14h30: O&A
- 14h30-14h50: Coffee break
- 14h50-15h10: Task 7 policy options on sustainability for manufacturing/EoL(ISI/VITO)
- 15h10-15h40: Q&A
- 15h40-16h20: AOB, conclusion and next steps (VITO/DG GROW)







PRESENTATION OF THE STUDY TEAM

- Framework contract manager(VITO): Tatiana Pasquel Garcia
- Project & contract manager (VITO): Paul Van Tichelen Deputy: Tatiana
- Quality control, language&terminology check: Jan Viegand(VMAS), Grietus Mulder(VITO)
- Impact Assessment: Jan Viegand(VMAS) (Larisa Maya-Drysdale, Peter Hansen, Astrid Estrup Enemark, Nicklas Høgh Iversen, Baijia Huang)
- Standardization Mandate: Grietus Mulder(VITO), Jan Viegand,
 Franco Di Persio (EC/JRC), Alejandro Villanueva(EC/JRC), Darina
 Blagoeva Joint Research Centre (EC/JRC)
- Preparatory study team experts present today:
 - VITO/Energyville: Grietus Mulder, Alexandros Nikolian, Wai
 Chung Lam, Karolien Peeters, Paul Van Tichelen
 - Fraunhofer/ISI: Clemens Rohde, Antoine Durand, Christoph Neef, Tim Hettesheimer, Cornelius Moll





TOUR DE TABLE

- Please note that this meeting will be recorded for the minutes of meeting.
- Use the buttons to raise a question
- Today are about 80 participants tour de table –(name and affiliation)

- For commenting in writing please sent your comments to, by preference use the appropriate form: edbatteries@vito.be
- All info is on the project website:
- https://ecodesignbatteries.eu/documents
- Powerpoint will be uploaded Monday next week





MAIN TASKS OF THE STUDY AND MEERP

- The main tasks of the study are:
 - Do a preparatory study following the MEErP Methodology on Batteries = The Methodology for Ecodesign of Energy-related products, hereby:
 - the data and evidence produced as part of the Product Environmental Footprint pilot on Batteries and Accumulators should be considered.
 - consistency with the ongoing study to support the evaluation of the Batteries
 Directive
 - ... see next presentation
 - Provide input to an Impact Assessment study following better regulation
 ... see presentation this afternoon
 - Provide input to Standardisation Mandate:
 - produce a separate technical report on standardisation to facilitate the preparation of a mandate to the European Standardisation Organisations requesting the development of harmonised standards to support minimum requirements in an eventual Ecodesign Regulation
 - .. This is discussed with Task 1 and is a separate Annex in cooperation with JRC/EC







PREPARATORY STUDY ACCORDING TO MEERP

Tasks in MEErP:

FIRST STAKEHOLDER MEETING:

- Task 1 Scope (definitions, standards and legislation, first screening);
- Task 2 Markets modelling (volumes and prices);
- Task 3 Use modelling (product demand side);
- Task 4 Technologies (product supply side, includes both Best Available Technology(BAT) and Best Not Yet Available Technology (BNAT);
- Task 5 Environment & Economics (Base Case Life Cycle Analysis(LCA) & Life Cycle Costing(LCC) = reference);

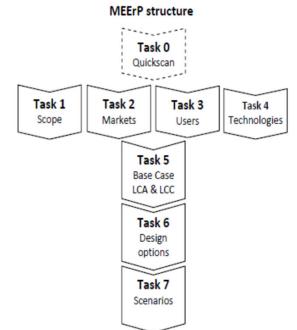
THIS MEETING:

- Task 6 Design options to improve LCA + LCC;
- Task 7 Scenarios (Policy, scenario, impact and sensitivity analysis).

See also: https://ecodesignbatteries.eu/faq

Each Task is a separate report on the project website:

https://ecodesignbatteries.eu/documents







PROVISIONAL STUDY PLANNING

- This is the second stakeholder meeting
- this study is very short in time compared to similar other Ecodesign Studies
- Tasks 6/7 were elaborated in parallel due to time constraints!
 - > This version: improvement options, policy and scenarios do not exactly fit.
- Task 6 had difficulties in proper modelling the impact of sourcing low carbon electricity in manufacturing due to LCA software issues:
 - > it is **not(yet) task 6 improvement options** & only as an rough estimate in Task 7 scenario tool.

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